

**WHAT IS CLAIMED IS:**

1. A power saving method for a wireless input device for an electronic product, a power supply module being provided to supply power to electronic components of the wireless input device, the method comprising the steps of:

5        1) providing a switch module to the wireless input device and electrically connecting the switch module to the power supply module; and

2) actuating the switch module by a user to allow the wireless input device to enter a complete power-saving mode or an incomplete power-saving mode;

10        whereby, when the wireless input device is in the complete power-saving mode, the switch module disconnects the supply of power from the power supply module to the wireless input device; and when the wireless input device is in the incomplete power-saving mode, the supply of power from the power supply module to the wireless input device is maintained.

2. The method of claim 1, wherein the wireless input device is a wireless optical mouse.

15        3. The method of claim 2, wherein when the wireless optical mouse is in the incomplete power-saving mode, it is set in a standby mode with reduced supplied power and actuated to enter an operation mode by moving the mouse or pressing a button on the mouse.

20        4. The method of claim 1, wherein the wireless input device is allowed to transmit data wirelessly.

5. The method of claim 1, wherein the power supply module is a battery.

25        6. The method of claim 1, wherein the switch module is formed with a switch that is operated manually to set the wireless input device in the complete or incomplete power-saving mode.

7. The method of claim 1, wherein the switch module is embedded in the bottom of a casing of the wireless input device.

8. The method of claim 7, wherein the bottom of the casing is in contact with a plane on which the wireless input device is placed.

5 9. The method of claim 1, wherein the electronic product is a laptop computer.

10. The method of claim 1, wherein the complete power-saving mode is a status with no supply of power from the power supply module to the wireless input device.

11. A power saving mechanism for a wireless input device for an electronic product, comprising:

10 a power supply module for supplying power to electronic components of the wireless input device for transmitting data wirelessly;

15 a control unit electrically connected to the wireless input device, for controlling and detecting an operating status of the wireless input device, and for determining an amount of power supplied to the wireless input device from the power supply module;

and

15 a switch module mounted on a casing of the wireless input device and actuated by a user to allow the wireless input device to enter a complete power-saving mode or an incomplete power-saving mode, and for disconnecting the supply of power from the power supply module to the wireless input device when the wireless input device is in 20 the complete power-saving mode.

20 12. The power saving mechanism of claim 11, wherein the wireless input device is a wireless optical mouse.

13. The power saving mechanism of claim 11, wherein the wireless input device is allowed to transmit data wirelessly.

25 14. The power saving mechanism of claim 11, wherein the power supply module is a battery.

15. The power saving mechanism of claim 11, wherein the switch module is formed with a switch that is operated manually to set the wireless input device in the complete or incomplete power-saving mode.

16. The power saving mechanism of claim 11, wherein the switch module is  
5 embedded in the bottom of the casing of the wireless input device.

17. The power saving mechanism of claim 16, wherein the bottom of the casing is in contact with a plane on which the wireless input device is placed.

18. The power saving mechanism of claim 11, wherein the complete power-saving mode is a status with no supply of power from the power supply module to the  
10 wireless input device.